

Table I-2

52-YEAR TRENDS IN U.S. CANCER DEATH RATES^a

All Races, Males and Females

All Primary Cancer Sites Combined

Age Group				Annual Percent Change		Total Percent Change
	1950	1975	2001	1950-1975	1975-2001	1950-2001
0-4	11.1	5.2	2.5	-2.8	-2.9	-77.4
5-14	6.7	4.8	2.5	-1.0	-2.8	-63.2
15-24	8.6	6.6	4.2	-0.7	-1.7	-50.5
25-34	20.4	15.1	10.0	-1.2	-1.4	-50.9
35-44	63.6	53.3	36.7	-0.4	-1.4	-42.4
45-54	174.2	178.0	126.0	0.2	-1.4	-27.7
55-64	391.3	420.2	357.3	0.3	-0.6	-8.7
65-74	710.0	778.7	802.9	0.4	0.2	13.1
75-84	1,167.2	1,160.9	1,311.9	0.0	0.5	12.4
85+	1,450.7	1,437.9	1,747.9	-0.2	0.7	20.5
All Ages	195.4	199.1	195.6	0.1	-0.1	0.1

Lung and Bronchus Cancer^b

Age Group				Annual Percent Change		Total Percent Change
	1950	1975	2001	1950-1975	1975-2001	1950-2001
0-4	-	-	-	-	-	-
5-14	-	-	-	-	-	-
15-24	0.2	0.1	-	-2.5	-1.0	-68.0
25-34	0.8	0.9	0.4	0.4	-1.8	-51.3
35-44	4.6	10.6	6.2	3.7	-2.4	35.1
45-54	20.2	48.8	30.6	3.6	-2.1	51.3
55-64	48.9	122.6	118.2	3.6	-0.1	141.9
65-74	59.4	196.2	280.2	4.5	1.3	371.5
75-84	55.4	192.3	372.3	5.3	2.4	572.2
85+	42.3	135.5	300.7	5.1	3.0	611.0
All Ages	14.9	42.8	55.4	4.2	0.9	270.5

Source: NCHS public use data file for the total US.

- Statistic not shown. Rate based on less than 25 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups.

^b Due to coding changes throughout the years, Lung and Bronchus includes trachea and pleura.

Table I-3

SUMMARY OF CHANGES IN CANCER INCIDENCE AND MORTALITY, 1950-2001 AND

5-YEAR RELATIVE SURVIVAL RATES, 1950-2000

Males and Females, By Primary Cancer Site

Primary Site	All Races		Whites					
	Estimated Cancer Cases in 2001 ^a	Actual Cancer Deaths in 2001 ^b	Percent Change 1950-2001 ^c				5-Year Relative Survival Rates (Percent) ^e	
			Incidence ^d		U.S. Mortality ^b			
			Total	APC	Total	APC	1950-54	1995-00
Oral cavity and Pharynx	30,100	7,701	-33.0	-0.5	-48.9	-1.2	46	60.9
Esophagus	13,200	12,529	21.2	0.7	27.2	0.6	4	15.8
Stomach	21,700	12,319	-75.8	-2.2	-84.0	-3.5	12	21.5
Colon and Rectum	135,400	56,887	17.5	0.1	-40.9	-1.0	37	64.1
Colon	98,200	47,860	38.2	0.4	-28.6	-0.6	41	63.8
Rectum	37,200	9,027	-16.7	-0.5	-68.7	-2.6	40	64.6
Liver and Intrahep	16,200	16,952	234.3	2.5	27.4	0.6	1	8.0
Pancreas	29,200	29,802	35.9	0.3	21.2	0.1	1	4.2
Larynx	10,000	3,797	17.8	0.0	-25.8	-0.5	52	67.4
Lung and Bronchus	169,500	156,380	290.1	2.2	265.4	2.2	6	15.4
Males	90,700	90,660	203.5	1.2	197.5	1.6	5	13.7
Females	78,800	65,720	685.0	4.2	608.1	4.3	9	17.4
Melanoma of the skin	51,400	7,542	690.2	4.3	165.6	1.7	49	90.7
Breast(females)	192,200	41,394	90.0	1.5	-22.2	-0.3	60	88.9
Cervix uteri	12,900	4,092	-77.7	-2.3	-79.5	-3.5	59	74.0
Corpus and Uterus, NOS	38,300	6,783	14.9	-0.2	-68.0	-2.0	72	86.1
Ovary	23,400	14,800	2.6	-0.1	3.8	-0.2	30	44.0
Prostate	198,100	30,719	286.2	3.3	-8.8	0.3	43	100.0
Testis	7,200	335	143.4	2.1	-73.3	-3.0	57	96.2
Urinary bladder	54,300	12,538	97.1	1.2	-31.6	-0.9	53	82.7
Kidney and Renal pelvis	30,800	12,372	181.7	2.1	42.8	0.7	34	63.9
Brain and Other nervous	17,200	12,609	135.6	1.3	54.9	0.8	21	32.2
Thyroid	19,500	1,354	257.6	2.2	-44.3	-1.5	80	96.8
Hodgkin lymphoma	7,400	1,323	13.2	0.1	-75.3	-3.3	30	85.9
Non-Hodgkin lymphoma	56,200	22,123	248.9	3.0	140.9	1.7	33	60.3
Myeloma	14,400	10,795	272.6	1.9	252.0	1.9	6	31.9
Leukemia	31,500	21,451	33.0	0.4	7.9	-0.2	10	47.8
Childhood(0-14 yrs)	8,600	1,494	67.1	0.9	-70.0	-2.8	20	80.1
All Sites	1,268,000	553,760	85.9	1.5	-1.5	0.1	35	65.5

The APC is the Annual Percent Change over the time interval. Rates used in the calculation of the APC are age-adjusted to the 1970 U.S. standard population.

- ^a Facts and Figures, 2001. American Cancer Society, Atlanta, Georgia, 2001.
- ^b NCHS public use data file for the total US. Due to coding changes throughout the years: Colon excludes other digestive tract; Rectum includes anal canal; Liver & Intrahep includes gallbladder & biliary tract, NOS; Lung & Bronchus includes trachea & pleura; Ovary includes fallopian tube; Urinary bladder includes other urinary organs; Kidney & Renal pelvis includes ureter; NHL and myeloma each include a small number of leukemias; NHL includes a small number of ill-defined sites.
- ^c All Sites, Liver & Intrahep, Brain & Other nervous and Childhood cancers are for all races as opposed to whites.
- ^d Data prior to 1973 are from Devesa, Silverman, Young, et al. Cancer Incidence and Mortality Trends Among Whites in the United States, 1947-84. JNCI 1987; 79:701-770 with the exception of All Sites, Liver & Intrahep, Brain & Other nervous and Childhood cancers which come from historical Connecticut data. Data for 1973-2001 are from the same areas used in Devesa or the Connecticut registry of the SEER Program.
- ^e Rates for 1950-54 are from NCI Survival Report 5 with the exception of All Sites, Oral cavity & Pharynx, Colon & Rectum, Non-Hodgkin lymphomas and Childhood cancers which come from historical Connecticut data. Rates for 1995-2000 are from the SEER Program with the exception of the sites just listed which come from the Connecticut registry of the SEER Program.